



BRISA PLUS

— FUTURE-PROOF

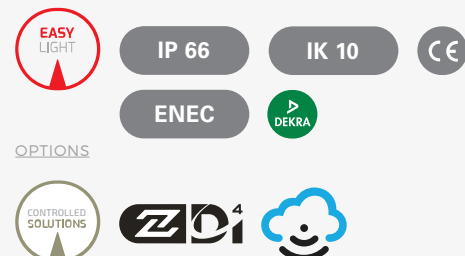
The BRISA PLUS has been designed to illuminate everything on and at the side of the road. Uniform light distribution and good colour recognition characteristics contribute to road safety. The BRISA PLUS features tilt adjustment to shine the light beam exactly where you need it under all circumstances. The BRISA PLUS is also available with a convex diffuser for use as guidance lighting.



Application areas



Characteristics



PRODUCT SPECIFICATIONS

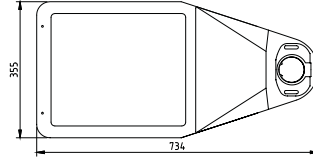
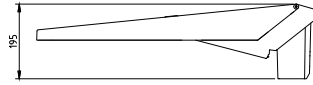
- Housing aluminum double coated (RAL 9007, 9005 and 7016)
- Light cover clear safety glass
- Pole mounted 60 mm
- Bracket mounted 76 mm
- Tilt angle adjustable from -15 to 0° (bracket mounting 48/60 mm), 0 to 10° (pole mounting 76 mm)
- Mass: ± 16 kg (depends on model)
- Wind surface: ± 0.08 m² (front), ± 0.04 m² (side)
- Safety class: I
- Assembly-, installation- and maintenance-friendly
- Voltage: 230/240 V, 50 Hz
- Standard Surge Protection (CM/DM) 10kV/6kV
- Standard cable type HO5BQ-F 3 x 1 mm²
- As standard in 32, 48 or 64 LEDs
- CRI: > 70
- Color temperature standard neutral white (4000K) or 3000K (warm white)
- Expected lifespan 100.000 hours at T environment = 25°C (L96/F10)
- Different lens configurations
- LED2WELL CORE

OPTIONS

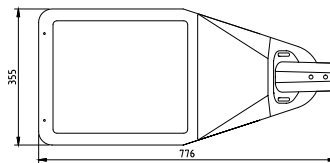
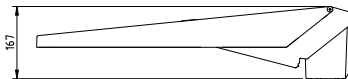
- Other RAL colour
- Safety class: II
- Several dimmable options available: Dali, Dynadimmer (integrated in driver)
- Constant Lumen Output (CLO)
- Other pre-fitted cable
- Protection to prevent light pollution
- Spherical diffuser of Optica
- LED2WELL PRO

DIMENSIONS BRISA PLUS IN MM

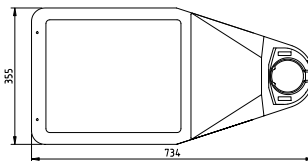
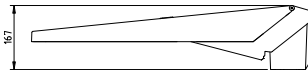
Pole size 48/60 (pole mounted)



Pole size 48/60 (bracket mounted)

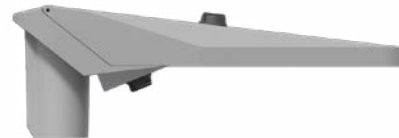


Pole size 76 (pole mounted)



SMART CITY READY (optional)

Zhaga book 18 connector and screw cap (waterproof, IP66)



OPTICA

For diffused illumination and the ultimate in lighting comfort. Applicable for all BRISA models, with the exception of the BRISA EXL.



SPHERICAL DIFFUSER

For orientation lighting. Applicable for all BRISA models, with the exception of the BRISA EXL.



Lightronics supplies its luminaires as standard as Easy Light, with five standard dimming schedules (1A, 2A, 3A, 4A or 5A) that can switch capacity and brightness based on pre-set times.



Lightronics offers full system integration with Controlled Solutions. This includes the use of communication modules from brands such as CityTouch, Luminext or TVilight.



As an option, this luminaire can be provided with a Zhaga book 18 connector and is Zhaga-D4i certified. This means that the luminaire can communicate with all sensors and nodes that also dispose of a Zhaga-D4i certificate and is as such suitable for the latest developments in the field of smart lighting and connectivity.



The smart lighting system SmartScan optimises the use of luminaires in your environment. Thanks to wireless communication, there is always sufficient light when required and energy is saved.

BRISA PLUS LED ² WELL CORE OUR STANDARD LIGHTING SOLUTION					
		3000K		4000K	
Number of LEDs	Lumen	LED-power (W)	System power (W)	LED-power (W)	System power (W)
32	3240	18,7	22,0	17,7	21,1
	3500	19,9	23,4	19,5	22,9
	3780	20,8	24,2	20,4	23,8
	4000	22,1	25,6	20,8	24,2
	4320	24,3	28,0	22,9	26,5
	4860	28,3	32,1	26,6	30,3
	5200	30,9	34,8	29,2	33,0
	5670	33,7	37,7	31,8	35,7
	6000	36,0	40,1	34,1	38,1
	6480	40,0	44,2	37,3	41,5
	7290	51,1	50,5	42,2	46,6
8000	50,5	55,4	47,8	52,4	
48	6480	36,3	41,3	33,6	38,4
	6840	38,9	44,0	35,6	40,5
	7290	41,7	46,9	38,3	43,4
	7560	43,0	48,2	39,6	44,7
	7800	45,0	50,3	41,0	46,1
	8100	47,0	52,5	43,0	48,2
	8640	50,4	56,1	46,4	51,9
	9720	57,9	64,1	52,5	58,2
10800	65,5	72,2	60,0	66,2	
64	8640	48,4	53,5	45,6	50,8
	9720	55,3	60,7	52,7	58,0
	10800	63,2	68,9	59,7	65,3
	11500	68,4	74,4	64,0	69,8
	12500	74,7	81,0	71,0	77,2
	13800	84,5	91,4	81,0	87,6
	14800	92,5	99,9	85,4	92,2
	15500	97,0	104,7	90,8	97,9
	16000	100,6	108,4	95,4	102,8
	17000	108,9	117,1	101,7	109,4
18000	119,0	128,0	110,8	119,2	

BRISA PLUS | LED²WELL PRO OUR ENERGY-EFFICIENT SOLUTION FOR ULTIMATE LIGHTING COMFORT

		3000K		4000K	
Number of LEDs	Lumen	LED-power (W)	System power (W)	LED-power (W)	System power (W)
64	3240	16,6	19,9	15,8	19,2
	3500	18,0	21,4	17,1	20,7
	3780	19,3	23,2	18,8	22,4
	4000	20,6	24,1	19,7	23,3
	4320	22,3	26,0	21,5	25,1
	4860	25,9	29,3	25,0	28,3
	5200	27,6	31,4	26,7	30,3
	5670	30,3	34,3	29,4	33,1
	6000	32,5	36,4	31,2	35,1
	6480	35,6	39,5	34,3	38,1
96	7290	40,5	44,8	38,8	43,2
	8000	45,5	49,7	43,7	48,0
	6480	34,2	38,9	32,2	36,9
	6840	36,8	41,7	34,2	38,9
	7290	38,8	43,6	36,8	41,7
	7560	40,8	45,7	38,1	43,0
	7800	42,1	47,0	39,4	44,3
	8100	44,1	49,1	41,4	46,3
128	8640	46,7	51,8	44,1	49,1
	9720	53,4	58,7	50,0	55,4
	10800	60,1	65,9	57,4	63,0
	8640	45,4	51,9	42,8	49,3
	9720	51,6	58,3	49,0	55,5
	10800	58,6	65,5	55,1	61,8
	11500	62,2	69,2	58,6	65,5
	12500	69,2	76,4	65,7	72,8
	13800	78,1	85,8	72,8	80,3
	14800	83,4	91,3	78,9	86,8
128	15500	87,8	96,0	82,5	90,4
	16000	91,4	99,8	86,0	94,3
	17000	97,5	106,4	91,4	99,8
	18000	103,7	112,8	97,5	106,4